

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-8 (Cancelled)

9. (New) A method for removing organic nitrogen from an aqueous liquid, said method comprising adding a nitrosonium ion generator into said aqueous liquid to remove nitrogen from organic-based nitrogen contaminants, such as amines, amides, ureas and amino acids, at a controlled temperature.

10. (New) A method as claimed in claim 9, wherein the nitrosonium ion is a nitrous acid or a nitrite in an acidic media.

11. (New) A method as claimed in claim 9, wherein the temperature is between 0° to 100°C, preferably between 20° C and 40° C.

12. (New) A method as claimed in claim 10, wherein the temperature is between 0° to 100°C, preferably between 20° C and 40° C.

13. (New) A method for removing organic and inorganic contaminants from an aqueous liquid, said method comprising adding a peroxide in the presence of an activated carbon catalyst at a controlled pH to oxidise and remove organic and inorganic contaminants, wherein the catalyst is used as a particulate in a fixed bed reactor or moving bed reactor caused by the motion of fluid or gases, or by mechanical means through which the aqueous liquid to be treated comes in continuous contact with the catalyst in the presence of the peroxide.

14. (New) A method as claimed in claim 13, wherein the peroxide is hydrogen peroxide.

15. (New) A method as claimed in claim 13, wherein the addition of hydrogen peroxide can be before or together with the catalyst.

16. (New) A method as claimed in claim 14, wherein the addition of peroxide can be before or together with the catalyst.

17. (New) A method as claimed in claim 13, wherein a pH range is selected from 2 to 12.

18. (New) A method as claimed in claim 14, wherein a pH range is selected from 2 to 12.

19. (New) A method as claimed in claim 15, wherein a pH range is selected from 2 to 12.

20. (New) A method as claimed in claim 16, wherein a pH range is selected from 2 to 12.